

## Contents    Volume 29   1995

### Volume 29   No. 1   1995

- ARYA, S., BISHT, R.P., TOMAR, R., TOKY, O.P. and HARRIS, P.J.C. / Genetic variation in minerals, crude protein and structural carbohydrates of foliage in provenances of young plants of *Prosopis cineraria* (L.) Druce in India 1–7
- EZENWA, I., REYNOLDS, L., AKEN'OVA, M.E., ATTA-KRAH, A.N. and COBBINA, J. / Cutting management of alley cropped leucaena/gliricidia-Guinea grass mixtures for forage production in southwestern Nigeria 9–20
- LEHMANN, J., SCHROTH, G. and ZECH, W. / Decomposition and nutrient release from leaves, twigs and roots of three alley-cropped tree legumes in central Togo 21–36
- OROK, E.J., EKPO, M.U. and LARBI, A. / Insect pests of some exotic and indigenous browse species in southeastern Nigeria 37–45
- RODER, W., KEOBOUALAPHA, B. and MANIVANH, V. / Teak (*Tectona grandis*), fruit trees and other perennials used by hill farmers of northern Laos 47–60
- SINGH, G., / An agroforestry practice for the development of salt lands using *Prosopis juliflora* and *Leptochloa fusca* 61–75
- VARGAS, J.D., CALVO, J.C. and APARICIO, M.A. / Red deer (*Cervus elaphus hispanicus*) management in the dehesa system in Central Extremadura, Spain 77–89

### Volume 29   No. 2   1995

- BRAZIOTIS, D.C. and PAPANASTASIS, V.P. / Seasonal changes of understorey herbage yield in relation to light intensity and soil moisture content in a *Pinus pinaster* plantation 91–101
- JACKSON, N.A., GRIFFITHS, H. and ZERONI, M. / Above-ground biomass of seedling and semi-mature *Sesbania sesban*, a multi-purpose tree species, estimated using allometric regressions 103–112
- MOBBS, D.C. and CANNELL, M.G.R. / Optimal tree fallow rotations: some principles revealed by modelling 113–132
- RHOADES, C. / Seasonal pattern of nitrogen mineralization and soil moisture beneath *Faidherbia albida* (syn *Acacia albida*) in central Malawi 133–145
- SCHROTH, G., BALLE, P. and PELTIER, R. / Alley cropping groundnut with *Gliricidia sepium* in Côte d'Ivoire: effects on yields, microclimate and crop diseases 147–163

- SHARMA, R., SHARMA, E. and PUROHIT, A.N. / Dry matter production and nutrient cycling in agroforestry systems of mandarin grown in association with *Albizia* and mixed tree species 165-179

**Volume 29 No. 3 1995**

**Special Issue:**

**OPPORTUNITIES FOR AGROFORESTRY IN THE TEMPERATE ZONE**  
**Selected papers from the Third North American Agroforestry Conference**

**Guest Editors:**

JOE P. COLLETTI and RICHARD C. SCHULTZ

Preface	iii-v
Acknowledgements	vi
PEARSON, H.A. / Agroforestry in the interior highlands	181-189
ZHANG, H., BRANDLE, J.R., MEYER, G.E. and HODGES, L. / A model to evaluate windbreak protection efficiency	191-200
SCHULTZ, R.C., COLLETTI, J.P., ISENHART, T.M., SIMPKINS, W.W., MIZE, C.W. and THOMPSON, M.L. / Design and placement of a multi-species riparian buffer strip system	201-226
CLASON, T.R. / Economic implications of silvopastures on southern pine plantations	227-238
NTAYOMBYA, P. and GORDON, A.M. / Effects of black locust on productivity and nitrogen nutrition of intercropped barley	239-254
BROSS, E.L., GOLD, M.A. and NGUYEN, P.V. / Quality and decomposition of black locust ( <i>Robinia pseudoacacia</i> ) and alfalfa ( <i>Medicago sativa</i> ) mulch for temperate alley cropping systems	255-264
JONES, J.E., GARRETT, H.E., HAINES, J. and LOEWENSTEIN, E.F. / Genetic selection and fertilization provide increased nut production under walnut-agroforestry management	265-273
THEVATHASAN, N.V. and GORDON, A.M. / Moisture and fertility interactions in a potted poplar-barley intercropping	275-283
WILLIAMS, P.A. and GORDON, A.M. / Microclimate and soil moisture effects of three intercrops on the rows of a newly-planted intercropped plantation	285-302
DIX, M.E., JOHNSON, R.J., HARRELL, M.O., CASE, R.M., WRIGHT, R.J., HODGES, L., BRANDLE, J.R., SCHOENE-BERGER, M.M., SUNDERMAN, N.J., FITZMAURICE, R.L., YOUNG, L.J. and HUBBARD, K.G. / Influences of trees on abundance of natural enemies of insect pests: a review	303-311

HILL, D.B. and WEBSTER, T.C. / Apiculture and forestry (bees and trees)	313-320
LINIT, M.J. and NECIBI, S. / Black walnut curculio: patterns of nut damage in a plantation environment	321-331
Volume contents	333-335
Author index	336
Instructions to authors	337-341